

**NASA Technical Standards Program Office – Documents in Revision/Development Status
As of 11/01/2005**

Document No.	Title	Author/Center	Development Rationale	Status
NASA-STD-1001A (In Revision)	Terrestrial Environment Criteria Handbook For Use In Aerospace Vehicle Development	Tom Torres/MSFC	New Document	OPR Dispositioning Comments.
NASA-STD-3000C (In Revision)	Man-Systems Integration Standard	Janis Connolly/JSC	Converted from MSFC-STD-512 and a JSC Standard	Initial revision working through new vehicle Program Office.
NASA-HDBK-4002A (In Revision)	Avoiding Problems Caused By Spacecraft On-Orbit Internal Charging Effects	Henry E. Garret/JPL	Converted from NASA-TP-2361, Surface Charging	Draft to be Submitted to Program Office 6/2006.
NASA-STD-5001A (In Revision)	Structural Design and Test Factors of Safety For Space Flight Hardware	Alan Posey/GSFC	Partial Conversion From MSFC-STD-505	OPR Dispositioning Comments.
NASA-STD-6001A (In Revision)	Flammability, Odor, Offgassing, and Compatibility Requirements and Test Procedures for Materials In Environments that Support Combustion	Dennis Griffin/MSFC	Superseded NHB 8060.1C.	Draft to be Submitted to Program Office 12/2005.
NASA-STD-6002B (In Revision)	Applying Data Matrix Identification Symbols on Aerospace Parts	Fred Schramm/MSFC	Adding supporting info from Industry.	EMB Approval Review.
NASA-HDBK-6003B (In Revision)	Application of Data Matrix Identification Symbols to Aerospace Parts Using Direct Part Marking Methods/Techniques	Fred Schramm/MSFC	Adding supporting info from Industry.	EMB Approval Review.
NASA-STD-7001A (In Revision)	Payload Vibroacoustic Test Criteria	Joseph Brunty/MSFC	Revise to Correct Error in Section 4.3.4 Test Control Tolerances	OPR Dispositioning Comments.

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NASA-STD-0005 (In Development)	NASA Configuration Management (CM) Standard	Tom Torres/MSFC	New Document	OPR Dispositioning Comments.
NASA-STD-4005 (In Development)	LEO Spacecraft Charging Design Standard	Dale Ferguson/MSFC	NASA SEE LEO Spacecraft Charging Design Guidelines	Agency Review.
NASA-STD-5009 (In Development)	NDE Requirements for Fracture Control Programs	Preston McGill/MSFC	Conversion from MSFC-STD-1249	OPR Dispositioning Comments.
NASA-HDBK-5010 (In Development)	Fracture Control Implementation Handbook for Payloads, Experiments, and Similar Hardware	Greg Swanson/MSFC	New Document	Published May 2005.
NASA-HDBK-5011 (In Development)	Launch Facilities and Associated Ground Equipment Vibroacoustic Loads Environment Definition and Analysis	Larry Schultz/KSC	New Document	EMB Concurrence Review.
NASA-STD-5012 (In Development)	Strength And Life Assessment Requirements For Space Propulsion Systems Engines	Pravin Aggarwal/MSFC	Converted from MSFC-STD-505, fills gaps in NASA-STD-5001 for propellant systems.	EMB Concurrence Review.
NASA-HDBK-5013 (In Development)	Pyrovalve Applications and Performance Handbook	Howard Julien/WSTF	New Document	NTSPO Review.
NASA-HDBK-5014 (In Development)	Nondestructive Evaluation (NDE) Implementation Handbook for Fracture Control Programs	Michael Suits/MSFC	New Document Handbook to reference NASA-STD-5009	Draft to be Submitted to NTSP 12/2005.

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Document No.	Title	Author/Center	Development Rationale	Status
NASA-HDBK-5015 (In Development)	Nondestructive Evaluation (NDE) for Aerospace Composites	David Mih/JPL	New Document	Draft In Development.
NASA-HDBK-5016 (In Development)	Fracture Control Handbook for Spaceflight Composite Structures Volume I: Requirements and Implementation Guidelines	Cheng Hsieh/JPL	Conversion from Aerospace Technical Report	Agency Review.
NASA-HDBK-5016 (In Development)	Fracture Control Handbook for Spaceflight Composite Structures Volume II: Damage Tolerance Analysis Methodology for Composites – A State-of-the-Art Review	Cheng Hsieh/JPL	Conversion from Aerospace Technical Report	Agency Review.
NASA-STD-5017 (In Development)	Design and Development Criteria for Critical Mechanical Systems	Brandon Robertson/JSC	New Document	Development to Begin in 2005.
NASA-STD-5018 (In Development)	Structural Design and Verification Requirements for Glass, Ceramics and Windows in Human Space Flight Applications	Dale Cegielski/JSC	New Document	Development to Begin in 2005.
NASA-STD-6004 (In Development)	Selection of Metallic Materials for Stress Corrosion Cracking Resistance	Pablo Torres/MSFC	Converted from MSFC-STD-3029	Draft to NTSP0 12/2005.
NASA-STD-6007 (In Development)	Machining Procedures Guideline for Ceramics and Optical Materials	Jonathan Salem/GRC	New Document	OPR Dispositioning Comments.
NASA-STD-6008 (In Development)	NASA Fastener Integrity Requirements	Nick Martinez/JSC	New Document	OPR RTF.

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Document No.	Title	Author/Center	Development Rationale	Status
NASA-HDBK-6009 (In Development)	Materials and Process Design Guide	Tim Vaughn/MSFC	New Document	OPR Dispositioning Comments.
NASA-SPEC-6012 (In Development)	Protective Finishes for Space Vehicle Structures	Patricia Johnson/MSFC	Converted from MSFC-SPEC-250.	Draft to be Submitted to NTSP 12/2005.
NASA-STD-6014 (In Development)	Evaluation of Load Carrying Capability of Lap Braze Joints Containing Flaws	Yury Flow/GSFC	New Document	Draft to be Submitted to NTSP 2005.
NASA-STD-6015 (In Development)	Radiation Effects on Non-electronic Materials Handbook	Cheng,Hsieh/JPL	New Document	?? Awaiting Schedule from JPL
NASA-STD-6016 (In Development)	Standard Manned Spacecraft Requirements for Materials and Processes	Denis Griffin/MSFC	New Document	Draft In Development.
NASA-STD-6017 (In Development)	NASA Foreign Object Debris Elimination Standard	Dewitt Burns/MSFC	New Document	Draft In Development.
NASA-STD-6018 (In Development)	Guidelines for the Utilization of Composite Materials in Oxygen Storage Tanks	Eddie Davis/MSFC	New Document	Draft In Development.
NASA-STD-6019 (In Development)	Standard for Evaluating the Contamination Transfer Potential from Process Support Materials	Richard Boothe/MSFC	New Document	Draft In Development.

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Document No.	Title	Author/Center	Development Rationale	Status
NASA-STD-6020 (In Development)	Compilation and Evaluation of Existing Data on the Compatibility of Materials with High-Test Hydrogen Peroxide	Eddie Davis/MSFC	New Document	Development to Begin in 2005.
NASA-SPEC-6021 (In Development)	Outgassing Rate Measure for the Screening of Nonmetallic Materials	Keith Albyn/MSFC	New Document	OPR Dispositioning Comments.
NASA-STD-7006 (In Development)	Charged Particle Radiation Testing of Materials to Emulate Space Environment Exposure	David Edwards/MSFC	New Document	Draft to be Submitted to NTSP in 2005.
NASA-STD-7007 (In Development)	GPS Test Standard	Jim Simpson/GSFC	New Document	OPR Dispositioning Comments.
NASA-HDBK-7008 (In Development)	Spacecraft Structural Dynamics Testing	Dennis Kern/JPL	New Document	?? Awaiting Schedule from JPL